

US DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

MATERIAL SAFETY DATA SHEET

SECTION I - GENERAL DATA

MANUFACTURER:	PRODUCT NAME: Hot Dip Plastisol
LOES ENTERPRISES INC.	PRODUCT NUMBER: PJL 115-2 series
1457 IGLEHART AVE.	CHEMICAL FAMILY: N/A
ST.PAUL,MN. 55104	
EMERGENCY # (651)646-1385	HAZARD RATINGS: HEALTH:1
(800)869-1088	FIRE:1
	REACTIVITY:0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	OSHA-PEL	ACGIH-TLV
------------	------	----------	-----------

Di-2-Ethylhexyl Phthalate	117-81-7	5 mg/m3	5 mg/m3
---------------------------	----------	---------	---------

DOP IS INCLUDED IN THE NATIONAL TOXICOLOGY PROGRAM FOURTH ANNUAL REPORT AS A POSSIBLE CARCINOGEN

SECTION III- PHYSICAL DATA

BOILING POINT:	N/A
VAPOR PRESSURE (mm Hg. at 20deg.C):	N/D
VAPOR DENSITY (AIR = 1):	N/D
SPECIFIC GRAVITY:	1.16
PERCENT VOLATILE VOLUME:	N/D
SOLUBILITY IN WATER:	Negligible
EVAPORATION RATE (BUTYL ACETATE = 1):	N/A
APPEARANCE AND ODOR:	Milky colored liquid Slight odor

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT	N/A	FLAMMABLE LIMITS LEL:UEL	N/A
-------------	-----	--------------------------	-----

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

N/A = NOT APPLICABLE N/D = NOT DETERMINED

11/14/2001

PRODUCT NAME: Hot Dip Plastisol
PRODUCT NUMBER: PJI 115-2 series

SECTION V - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide,
hydrogen chloride, oxides from stabilizers
CONDITIONS TO AVOID: Excessive heat, poor ventilation
INCOMPATIBILITY: Strong oxidizing agents

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Dike area to contain spill,
salvage as much as possible for reuse, use absorbant to clean up
remainder or small spills
WASTE DISPOSAL METHOD: In accordance with local, state, and federal
regulations

SECTION VII - HEALTH DATA

ROUTES OF ENTRY: EYES - SKIN - INHALATION - INGESTION

EFFECTS OF OVEREXPOSURE: EYES - May cause irritation
SKIN - May cause irritation, defatting, or dermatitis
INHALATION - May cause irritation of respiratory tract, narcosis, or
headaches
INGESTION - May cause nausea, cramps, and diarrhea

EFFECTS MAY BE ACCELERATED BY HIGHER PRODUCT TEMPERATURES DURING THE
MANUFACTURING PROCESS.

FIRST AID: EYES - Immediately flush with plenty of water. Get medical attention.
SKIN - Remove contaminated clothing and launder before reusing.
Wash affected area with plenty of soap and water.
INHALATION - Remove to fresh air. If necessary, give artificial
respiration. Get medical attention.
INGESTION - Induce vomiting and dilute by drinking water. Never give
liquids to an unconscious person. Get medical attention.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator suitable for
concentrations and types of air contaminants encountered
VENTILATION: Local mechanical exhaust ventilation recommended
GLOVES: Impervious (neoprene)
EYE PROTECTION: Chemical goggles/glasses
OTHER EQUIPMENT: Safety shower and/or eye wash station

11/14/2001

PRODUCT NAME: Hot Dip Plastisol
PRODUCT NUMBER: PJL 115-2 series

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Keep container air tight in a dry area away from heat and water when not in use. Practice "good" industrial housekeeping and hygiene.

SECTION X - ADDITIONAL INFORMATION

This product contains the following toxic chemical category(ies) subject to the reporting requirements of SARA Title III Sect. 313 (max percent by weight)

Di(2-ethylhexyl)phthalate is 33.3%

THIS INFORMATION IS TAKEN FROM SOURCES OR BASED UPON DATA BELIEVED TO BE RELIABLE; LOES ENTERPRISES INC.; MAKES NO WARRANTY AS TO THE ABSOLUTE CORRECTNESS OR SUFFICIENCY OF ANY OF THE FOREGOING OR THAT ADDITIONAL OR OTHER MEASURES MAY NOT BE REQUIRED UNDER PARTICULAR CONDITIONS.